What is claimed is]

[Claim 1]

Computer System comprising of more than one Computer and a Storage Subsystem to which said Computers are connected and said Storage Subsystem having,

more than one Storage Unit,

Management Table which registers information to manage said Storage Units accessible by each of said multiples of computes, and

Control Unit to control the access to said Storage Units by said Computers according to the information registered in said Management Table.

[Claim 2]

In the Computer System recited in claim 1, said Management Table maintains identity information to identify said Storage Unit permitted to be accessed by each of said Computers corresponding to the addressing information to identify each of said Computers.

[Claim 3]

In the Computer System recited in claim 2, each of said Computers is equipped with,

Memory Means storing User Management Table showing the correspondence between an identity information inputted during User Log-In process and said addressing information, and

Storage Means to maintain the addressing information which is defined

according to said identity information inputted during said User Log-in process as the addressing information of the said Computer to be used when said Computer accesses said Storage Subsystem.

[Claim 4]

In the Computer System recited in claim 3, said identity information is the user identifier to identify each user.

[Claim 5]

In the Computer System recited in claim 3, said identity information is the environment identifier which identifies the operational environment of each Computer in the system.

[Claim 6]

The Computer System recited in claim 2 is further equipped with Management Console which is connected to said Storage Subsystem and has User Management Table showing the correspondence between identity information which is inputted into each Computer during said User Log-In process and said addressing information, wherein said Management Console recognizes a Storage Unit to be permitted to be accessed by said Computer, according to said identity information transferred from each Computer during the User Log-In process, and sets information into said Management Table according to the result of said identification.

[Claim 7]

In the Computer System recited in claim 2, each of said Computers has with User Management Table which shows the correspondence between the identity information inputted to each Computer during User Log-In process and said addressing information, wherein said Computer identifies Storage Unit to be accessed according to said identity information inputted during said User Log-In process, and requests of said Storage Subsystem to make identified Storage Unit accessible by said Computer.

[Claim 8]

In the Computer System recited in claim 7, said Storage Subsystem sets the information in said Management Table in response to said request.

[Claim 9]

In the Computer System recited in claim 8, said request is transferred via a communication channel different from those used when said Computers access data stored in said Storage Subsystem.

[Claim 10]

In the Computer System recited in claim 2, said Storage Units have Shared Storage Unit which is shared by at least two Computers and Private Storage Unit which is used exclusively by only one Computer.

[Claim 11]

In the Computer System recited in claim 10, said Shared Storage Unit

ores Operating System and/or Application Programs which are commonly used by aid at least two Computers and said Private Storage Unit stores specific information o operate said Operating System and/or Application Programs in each Computer.

[Claim 13]

In the Computer System recited in claim 10, said Storage Subsystem is equipped with Cache Memory Unit to store partial copy of data to be stored in said Storage Units, and said Controller controls data stored in said Shared Storage Unit to be resident in said Cache Memory Unit.

Claim 14]

In the Computer System recited in claim 13, said Management Table contains the set information to specify Storage Unit from which data is made to be resident in said Cache Memory Unit, and said Controller performs said control according to said setting information.

Claim 15]

In the Computer System, comprising of said more than one Computer and Storage Subsystem connected to said Computers and having more than one Storage Unit, a method to control accesses to said Storage Units comprising the steps,

to register the addressing information to identify each of said Computers and information to identify Storage Units permitted to be accessed by Computer identified by means of said Computer identity information in the Management Table in said Storage Subsystem after defining correspondence between them,

in said Storage Subsystem, to identify Storage Unit to be accessed according to said addressing information of Computer which issued the access request in response to access request from each of said Computers, and

to control data transfer between the Storage Unit recognized as a target to be accessed and the Computer which issued said access request.

[Claim 16]

Control method recited in claim 15, further comprising the steps,

to accept the input of identity information during the Log-In process by user into one of said Computers,

to identify the Storage Unit permitted to be accessed by one of said Computers according to said inputted identity information, and

in the said registration step, register information to identify a Storage Unit identified in said identification step into said Management Table giving correspondence to the addressing information of one of said Computers.

[Claim 17]

In the control method recited in claim 16, said identification step is executed by a Management Unit connected to said more than one Computer and said Storage Subsystem, and said registration step is executed by said Storage Subsystem according to the instruction given by said Management Unit.

[Claim 18]

The control method recited in claim 15, further comprising the steps

to accept the input of identity information during the Log-In process into said more than one Computer by user, and

to decide said addressing information to be used when said one Computer accesses said Storage Subsystem according to inputted identity information.